

# Unleash the full potential of your data



## ABOUT US

Narwhal Data Solutions GmbH was established in 2020 with the aspiration to provide quality solutions to data-related problems. We initially began in Berlin, Germany, where our headquarters is, however, we have ever since worked or collaborated with companies in other places in Germany and Europe. Our team of highly qualified engineers with accumulated 80+ years of experience provide customers with tailored solutions in machine learning, artificial intelligence, business intelligence, data warehousing, data lakes and more.

As a data engineering consultancy, we are focused on efficiency and so we have a distributed team of highly experienced engineers with a wide set of complementary skills. It gives us the flexibility to respond quickly to customer needs across Europe. In our team there are mostly senior engineers who have worked on complex projects and know best the nitty gritty of their job. Our founder and CEO, besides having a scientific background in Control Engineering and Robotics (PhD), has more than 20 years of professional experience in control, software, and data engineering and worked with leading European scientific institutions (CERN). Akin to the enviable diving strength of the narwhal in the ocean, Narwhal Data Solution assists customers to dive deepest into their data ocean to finally unleash the full potential of their data.

## VISION

*The go-to brand for high quality data solutions*

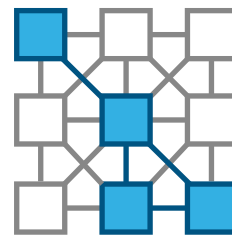
## MISSION

*Delivering customized and efficient data solutions.*

## COMPLETED PROJECTS



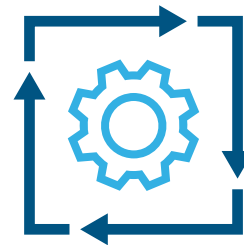
**A near 1 TB data warehouse for an e-logistics startup**



**Design and implementation of tailored solutions for data processing related problems**



**A scalable distributed streaming data processing system for a leading German research institute**



**Data integration between OLTP database and Salesforce and automation of billing reports generation**



**Data warehouse and ETL performance and operation optimization for a sport tech startup**

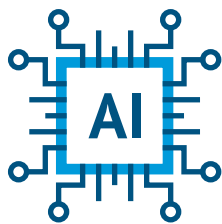
## SERVICE DESCRIPTION



### BIG DATA ANALYTICS

In our ever-changing world of technology, one of the headaches of businesses, organisations is catching

up with innovation while making revenue out of it. One significant way to tackle this headache is using data analytics technology. We assist you use your data to reap the precious and actionable business information. The first step is to understand what kind of information is valuable to you and what sort of questions you would possibly want to answer. Depending on your use cases and particular needs we may propose to you a data warehouse with Business Intelligence reports and dashboards. In other cases a data lake, a data mesh or stream data analytics solutions may be more appropriate. This way, we will set you on the journey of using data analytics to solve problems and work efficiently and faster.



### ARTIFICIAL INTELLIGENCE

AI is one of the fastest-growing fields in the world of innovation and technology. Everyone

heard about innovations like smart assistants such as Alexa, Cortana, Siri, google searches,

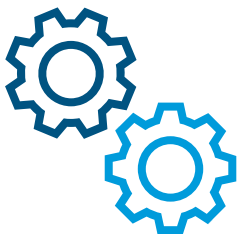
conversational bots and self-driving cars. With Artificial Intelligence techniques tedious, complex or difficult tasks can be automated and executed faster and often more accurately than a human would do. We offer advanced predictive analytics based on the state-of-the-art methods of Artificial Intelligence. We employ analytical techniques to identify patterns, predict outcomes of potential actions or even optimize the actions to obtain the desired goals or to satisfy the specified criteria.



### DATA WAREHOUSE

A data warehouse is an integrated collection of data specifically structured for queries and analysis. It is

targeted to assist in the activities of Business Intelligence and other analytical reporting. Depending on your needs and technical environment you operate in, we help you select the optimal tools and technologies. By integrating the data from various systems and sources into a single data warehouse we create a place where all the relevant data are easily available for further analysis.

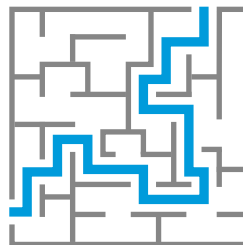


### DATA ENGINEERING

A well-designed data infrastructure creates the foundations for further data analysis, facilitating the work

of data analysts and data scientists. Whether you process gigabytes per second on a large cluster or gigabytes per day on a single server we will pick a suitable technology and propose a solution tailored to your use case. We help you ingest the data from variety of sources, align them, build robust data pipelines and scalable storage. We have an excellent track record of designing and implementing batch and stream processing, and the combination of the two. We help you connect the data pipeline to your data storage or integrate them with your digital products and services.

opportunity to employ the skills of external personnel temporarily to boost their capacity. We do not only provide our manpower, but most importantly we share our profound expertise. We give you the possibility to outsource the non-core activities to us and focus on the main business. We are there to allow you to start the data engineering and business intelligence initiatives early, even before the internal data team is formed.



### CONSULTING

In the rapidly changing technical environment an expert advice can save company a lot of unnecessary efforts and expenses. The right

information helps businesses create a roadmap of where they want to go with reference to where they are at the moment. Thanks to our sterling professional experience we know what works and what does not and, true to our core values, we are responsible and honest. We provide valuable knowledge and expertise to help you avoid mistakes and do things the right way from the beginning.



### STAFF AUGMENTATION

Due to the fast pace in the advancement of technology as well the high demand for innovative skills, one of

the means to assist the growth of organizations is through staff or team augmentation. Staff augmentation gives organizations the

## WHY WORK WITH US

**Are you experiencing data processing bottlenecks?**

**Are your data spread across several silos and you miss the complete picture?**

**Do you want low latencies?**

**Does your data & analytics team spend time on data pipelines maintenance rather than on creating value from the data?**

**Is your business intelligence not getting you the insights you want?**

**Do you want to save money on your data infrastructure without compromising the outcome?**

We helped companies facing similar problems and more through our guiding work principles;







- Through scientific rigor and engineering pragmatism, our work is result driven and grounded in science.
- We know when to take shortcuts and when no compromise should be made; when to be extremely innovative and when not to fall into the new shiny objects trap.
- While striving for perfection we can stop at “good enough”, and deliver a working solution.

We have a highly qualified team of engineers who have worked with leading scientific institutions and with variety of industries solving complex data problems. They have substantial technical experience through learning from their successes and mistakes. Our team of engineers are equipped with the technical know-how of what works and what does not work. Thanks to quality services we provide customers are spared future maintenance and operating costs. Our solutions run smoothly and last long.

## KEY TECHNOLOGIES



## CONTACT US

-  <https://www.linkedin.com/company/narwhaldatasolutions/>
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Neatness

Availability

Responsibility

Wisdom

Honesty

Agility

Leadership

